

Title (en)
METHOD AND DEVICE FOR LASER ABLATION OF A SURFACE COATING FROM A WALL, SUCH AS A COAT OF PAINT IN A NUCLEAR PLANT

Title (de)
VERFAHREN UND VORRICHTUNG ZUM LASERABTRAG DER OBERFLÄCHENBESCHICHTUNG EINER WAND, BEISPIELSGEWEISE DES FARBAUFTRAGS IN EINER KERNTÉCHNISCHEN ANLAGE.

Title (fr)
PROCEDE ET DISPOSITIF D'ABLATION LASER D'UNE COUCHE SUPERFICIELLE D'UNE PAROI, TELLE QU'UN REVETEMENT DE PEINTURE DANS UNE INSTALLATION NUCLEAIRE

Publication
EP 1899082 B1 20160817 (FR)

Application
EP 06755497 A 20060518

Priority
• FR 2006001119 W 20060518
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Abstract (en)
[origin: FR2887161A1] Removing a surface coating such as wall paint with the aid of a pulsed laser beam uses a directional control of the laser pulses by optical deflection so that the impact zones (I1, I2, I3) are separate or have a minimal overlap. The fluence of each laser beam pulse on the coating layer is estimated beforehand from the nature of the material being removed and the state of the surface, and the energy of the laser beam is regulated accordingly.

IPC 8 full level
B23K 26/00 (2014.01); **B08B 7/00** (2006.01); **B08B 15/04** (2006.01); **B23K 26/03** (2006.01); **B23K 26/0622** (2014.01); **B23K 26/082** (2014.01); **B23K 26/14** (2006.01); **B23K 26/361** (2014.01); **G21F 9/00** (2006.01); **G21F 9/30** (2006.01); **B23K 101/34** (2006.01)

CPC (source: EP US)
B08B 7/0042 (2013.01 - EP US); **B08B 15/04** (2013.01 - EP US); **B23K 26/0006** (2013.01 - EP US); **B23K 26/03** (2013.01 - EP US); **B23K 26/0622** (2015.10 - EP US); **B23K 26/082** (2015.10 - EP US); **B23K 26/147** (2013.01 - EP US); **B23K 26/352** (2015.10 - EP US); **B23K 26/359** (2015.10 - EP US); **B23K 26/361** (2015.10 - EP US); **G21F 9/005** (2013.01 - EP US); **G21F 9/30** (2013.01 - EP US); **B23K 2101/34** (2018.07 - EP US)

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